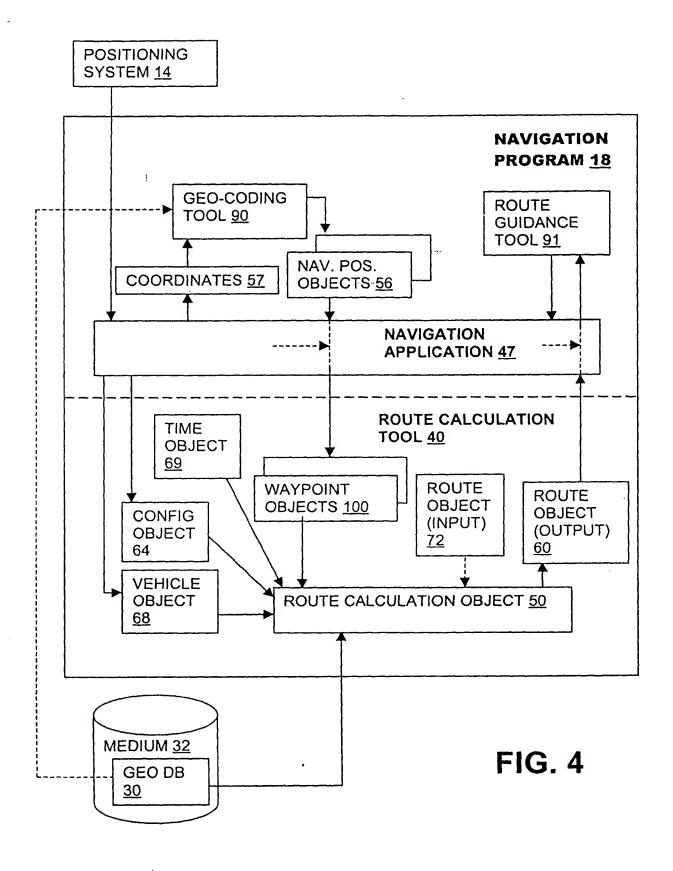


FIG. 3



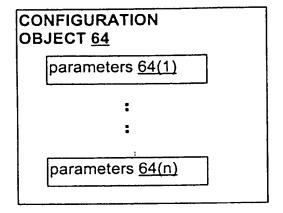


FIG. 5

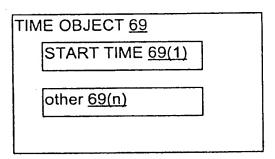


FIG. 8

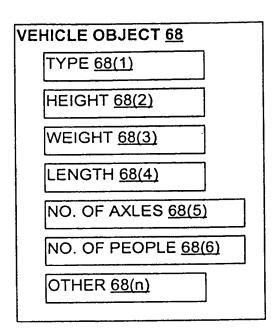
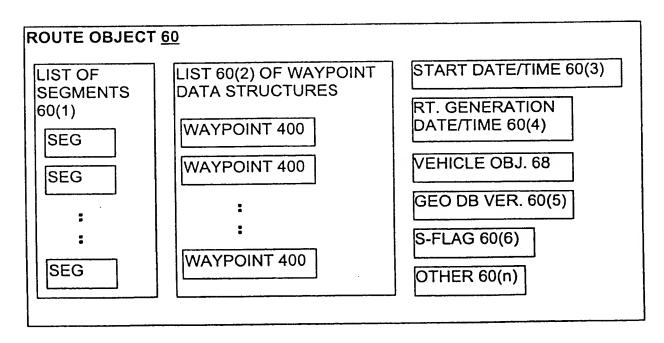


FIG. 6

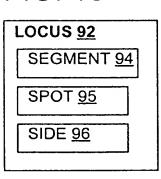
FIG. 7



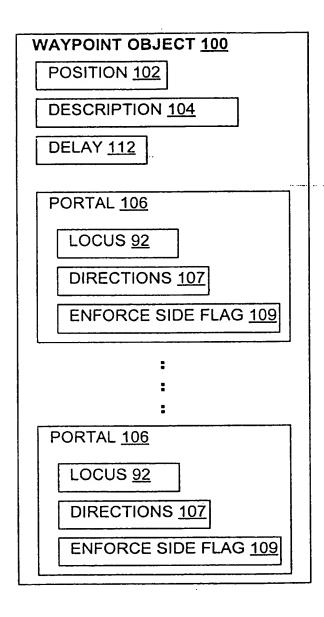
## • FIG. 9

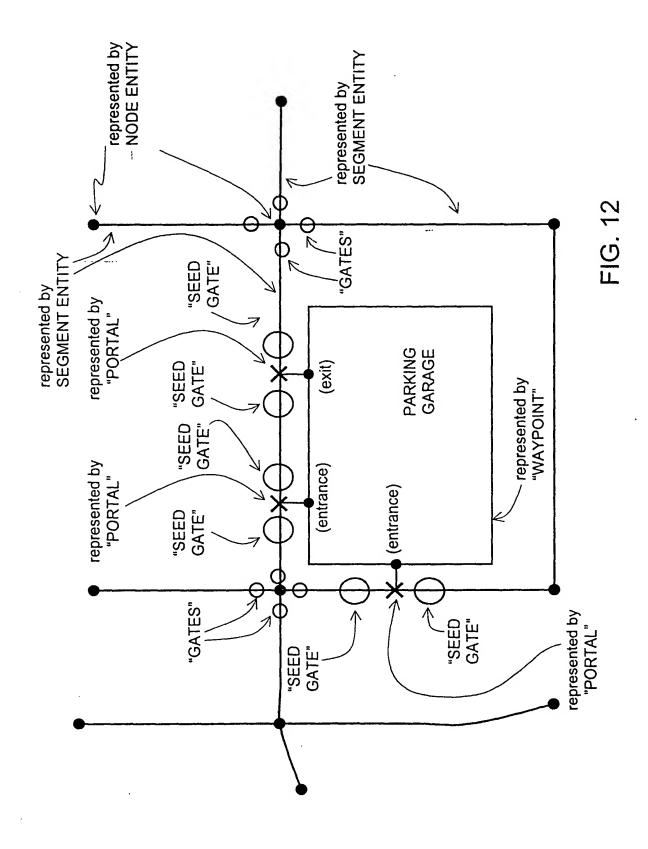
## NAVIGATION POSITION OBJECT <u>56</u> LOCUS <u>92</u> GEOGRAPHIC POSITION <u>93</u> OTHER 56(n)

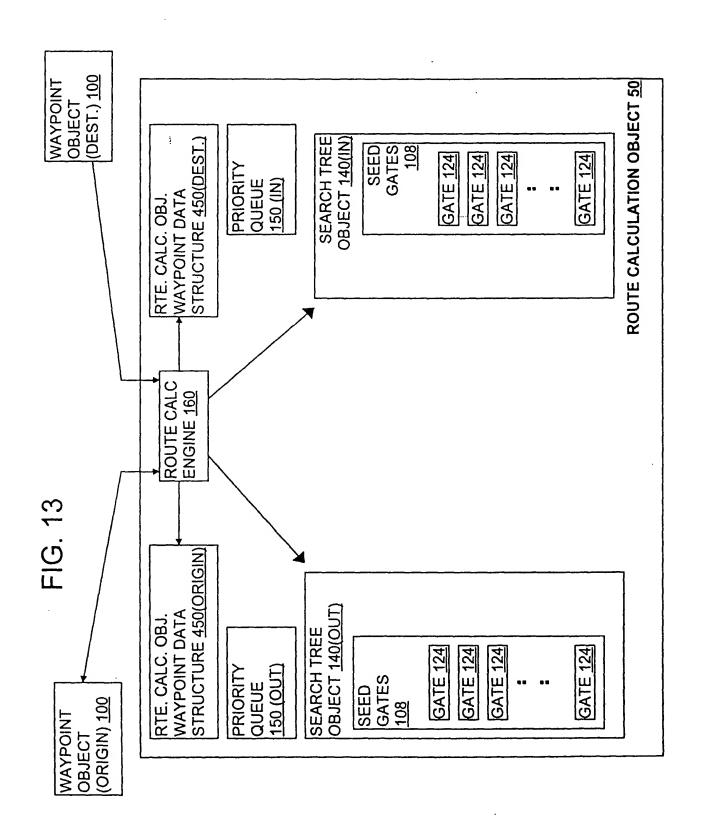
## FIG. 10



## FIG. 11







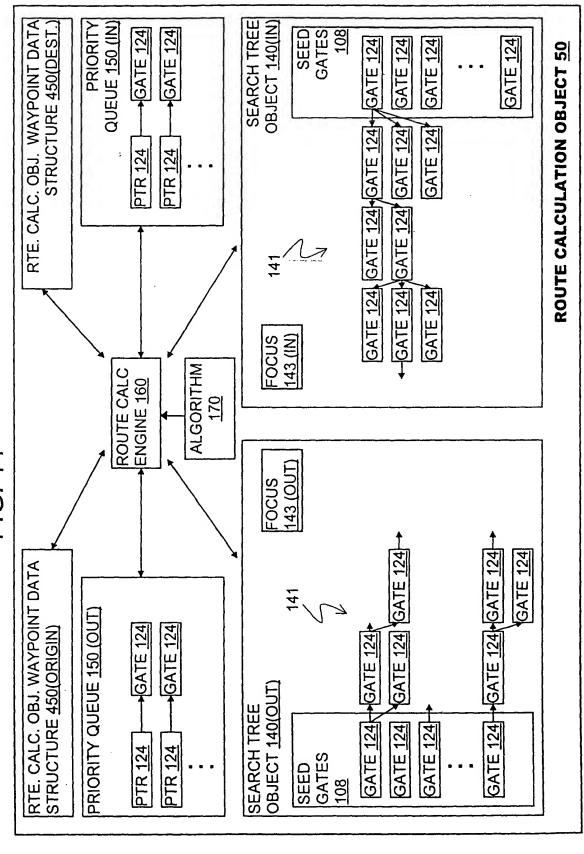


FIG. 14

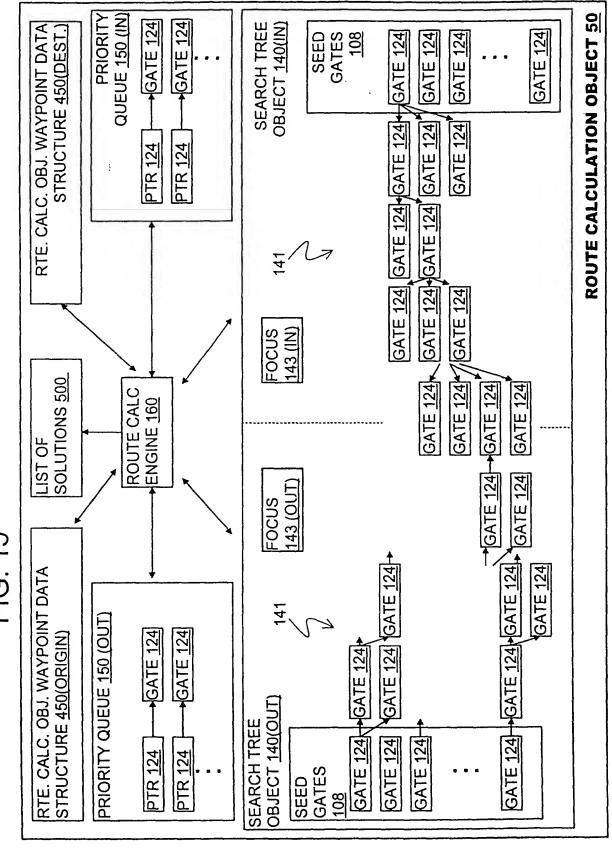


FIG. 15

FIG. 16

ROUTE OBJECT WAYPOINT DATA STRUCTURE 400

DESCRIPTION 404

POSITION (LAT, LONG) 402

2 LOCI (ENTRANCE/EXIT) 422

DISTANCE 418

TIME 416

COST 414

INDEX TO

SEGMENT LIST 424

TYPE (ORIGIN/ DESTINATION/

INTERMEDIATE) 420

**GATE 124** 

ASSOCIATED NODE 125

TARGET NODE 127

PREDECESSOR 131

SEGMENT 129

TIME 130

COST 132

DISTANCE 133

FIG. 17

FIG. 20

ROUTE CALCULATION OBJECT WAYPOINT DATA STRUCTURE 450

DESCRIPTION 404

POSITION (LAT, LONG) 402

2 LOCI (ENTRANCE/EXIT) 422

PORTAL 106

LOCUS 92

**DIRECTIONS 107** 

ENFORCE SIDE FLAG 109

:

:

:

PORTAL 106

LOCUS 92

DIRECTIONS 107

ENFORCE SIDE FLAG 109

**DELAY 421** 

COST <u>414</u>

TIME 416

DISTANCE 418

TIC 40
FIG. 18

